



National Weather Service Weather Prediction Center


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Heat Index Calculator

How do we calculate the heat index?

Choose the appropriate calculator and enter the values. Then click "Calculate".

Using Dew Point Temperature	Using Relative Humidity
<div>Air Temperature <input type="text"/> °F <input type="text"/> °C </div> <div>Dew Point Temperature <input type="text"/> °F <input type="text"/> °C </div> <div> <input type="button" value="Calculate"/> <input type="button" value="Reset"/> </div> <div>Heat Index = <input type="text"/></div>	<div>Air Temperature <input type="text" value="106"/> °F <input type="text" value="41.11"/> °C </div> <div>Relative Humidity <input type="text" value="46"/> % </div> <div> <input type="button" value="Calculate"/> <input type="button" value="Reset"/> </div> <div>Heat Index = <input type="text" value="132 F / 55 C"/></div>

* Please note: The Heat Index calculation may produce meaningless results for temperatures and dew points outside of the range depicted on the Heat Index Chart linked below.

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National Centers for Environmental Prediction
Weather Prediction Center
5830 University Research Court
College Park, Maryland 20740
Weather Prediction Center Web Team
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